



IFW

TRANSMITTAL LETTER			Attorney Docket Number: PA96-38D13				
Application Number: 10/747,795		Filing Date: 12/29/2003		Examiner: Peter B. Kim		Group Art Unit: 2851	
Invention: IMPRINT LITHOGRAPHY TEMPLATE COMPRISING ALIGNMENT MARKS							
TO THE COMMISSIONER FOR PATENTS: Transmitted herewith are the following documents in the above-identified application. The fee has been calculated as shown below.							
<div><input type="checkbox"/> Amendment (page(s)), <input type="checkbox"/> Petition is hereby made under 37 CFR 1.136(a) to extend the time for response to the Office Action of to and through , comprising an extension of the shortened statutory period of: month(s) (page(s)), <input checked="" type="checkbox"/> Information Disclosure Statement (6 page(s)), including Transmittal (2 page(s)), PTO Form 1449 (4 page(s)), and copies of 10 cited reference(s) <input checked="" type="checkbox"/> Return Receipt Postcard</div>							
CLAIMS AS AMENDED							
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	NO. OF EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	n/a	MINUS			\$18.00	\$ 0	
INDEP. CLAIMS	n/a	MINUS			\$86.00	\$0	
Petition for Extension of Time					(1 mo. - \$110.00)	\$ 0	
Submission of IDS						\$180.00	
TOTAL ADDITIONAL FEE						\$ 180.00	
<div><input type="checkbox"/> Applicant claims small entity status under 37 CFR 1.27 <input type="checkbox"/> A check in the amount of \$ is attached. <input checked="" type="checkbox"/> Charge \$180.00 to deposit account number 502650 and credit any overpayment or debit any underpayment to the same deposit account 502650. <input checked="" type="checkbox"/> No additional fee is required, but if any fees are incurred regarding this matter kindly charge deposit account number 502650.</div>							
9/13/04 date			<div> Kenneth C. Brooks Reg. No. 38393 Legal Department Molecular Imprints, Inc. P.O. Box 81536 Austin, Texas 78708-1536 Telephone: 512-339-7760, ext. 243 Facsimile: 512-491-8918</div>				
<div><p align="center">CERTIFICATE OF TRANSMISSION/MAILING</p><p>I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Commissioner for Patents on</p><div><u>9-13-04</u> Katrina Prati</div></div>							



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Sreenivasan et al.
Serial No.: 10/747,795 GPAU: 2851
Filing Date: 12/29/2003 Examiner: Peter B. Kim
Dkt. No.: PA96-38D13 Conf. No.: 6437
For: IMPRINT LITHOGRAPHY TEMPLATE COMPRISING ALIGNMENT MARKS

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The following information is submitted in compliance with Applicants' duty of disclosure and pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98. The undersigned brings the patents, publications, applications or other information identified in the attached:

- ☒ Form(s) PTO/SB/08A and/or PTO/SB/08B or PTO/1449
☐ Other:

to the Examiner's attention in the above-identified application. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

FEES DUE

This Information Disclosure Statement is being filed:

- ☐ within three months of the filing date of a national application or within three months of entry of the national stage as set forth in § 1.491 in an international application. Therefore, no fee is required.

09/16/2004 YPOLITE1 00000075 502650 10747795

01 FC:1806 180.00 DA

- ☐ before the mailing date of a first Office action on the merits or before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Therefore, no fee is believed required.
- ☐ during the period specified in § 1.97(c). Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application not more than three months prior to the filing of this Information Disclosure Statement.
- ☐ during the period specified in § 1.97(c). Accordingly, the fee set forth in § 1.17(p) is required and provided as shown on the attached Fee Transmittal.
- ☒ during the period specified in § 1.97(d). Accordingly, the fee set forth in § 1.17(p) is required and provided as shown on the attached Fee Transmittal. Additionally, no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as either First Class Mail or Express Mail, in an envelope addressed to the Commissioner for Patents.

Signed: *Katrina Prati*

Typed Name: Katrina Prati

Date: 9-13-04

Respectfully Submitted,



Kenneth C. Brooks,
Reg. No. 38,393
Legal Department
Molecular Imprints, Inc.
P.O. Box 81536
Austin, TX 78758-1535
(512) 339-7760
(512) 491-8918 (fax)

Please type a plus sign (+) inside this box



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

Of

4

Complete if Known

Application Number	10/747,795
Filing Date	12/29/2003
First Named Inventor	Sreenivasan et al.
Group Art Unit	2851
Examiner Name	Kim, Peter B.
Attorney Docket Number	PA96-38D13

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	D1	3,783,520		King	01-08-1974	
	D2	2003/0129542	A1	Shih et al.	07-10-2003	
	D3	6,383,928	B1	Eissa	05-07-2002	
	D4	6,329,256	B1	Ibok	12-11-2001	
	D5	5,736,424		Prybyla et al.	04-07-1998	
	D6	5,895,263		Carter et al.	04-20-1999	
	D7	6,150,231		Muller et al.	11-21-2000	
	D8	6,274,294	B1	Hines	08-14-2001	
	D9	6,391,798	B1	DeFelice et al.	05-21-2002	
	D10	6,489,068	B1	Kye	12-03-2002	
	D11	6,565,928	B2	Sakamoto et al.	05-20-2003	
	D12	6,646,662	B1	Nebashi et al.	11-11-2003	
	D13	6,677,252	B2	Marsh	01-13-2004	
	D14	6,716,767	B2	Shih et al.	04-06-2004	
	D15	2004/0029041	A1	Shih et al.	02-12-2004	
	D16	5,907,782		Wu	05-25-1999	
	D17	6,635,581	B2	Wong	10-21-2003	
	D18	5,700,626		Lee et al.	12-23-1997	
	D19	6,096,655		Lee et al.	08-01-2000	
	D20	5,948,570		Kornblit et al.	09-07-1999	
	D21	6,033,977		Gutsche et al.	03-07-2000	
	D22	5,198,326		Hashimoto et al.	03-30-1993	
	D23	4,976,818		Hashimoto et al.	12-11-1990	
	D24	4,891,303		Garza et al.	01-02-1990	
	D25	6,703,190	B2	Elian et al.	03-09-2004	
	D26	4,737,425		Lin et al.	04-12-1988	
	D27	5,314,772		Kozicki et al.	05-24-1994	
	D28	5,169,494		Hashimoto et al.	12-08-1992	
	D29	5,527,662		Hashimoto et al.	06-18-1996	
	D30	5,071,694		Uekita et al.	12-10-1991	
	D31	6,767,983	B1	Fujiyama et al.	07-27-2004	
	D32	6,514,672	B2	Young et al.	02-04-2003	
	D33	4,507,331		Hiraoka	03-26-1985	
	D34	4,426,247		Tamamura et al.	01-17-1984	
Examiner Signature					Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

→ $\boxed{+}$

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

4

PA96-38D13

[illegible]Date
Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/747,795
				Filing Date	12/29/2003
				First Named Inventor	Sreenivasan et al.
				Group Art Unit	2851
				Examiner Name	Kim, Peter B.
Sheet	3	of	4	Attorney Docket Number	PA96-38D13

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	D37	Abstract of Japanese Patent 02-92603.	
	D38	Translation of Japanese Patent 02-92603.	
	D39	Abstract of Japanese Patent 02-24848.	
	D40	Translation of Japanese Patent 02-24848.	
	D41	HEIDARI et al., "Nanoimprint Lithography at the 6 in. Wafer Scale," Journal of Vacuum Science Technology, Nov/Dec 2000, pp. 3557-3560, vol. B, no. 18(6)/	
	D42	NERAC.COM Retro Search, "Reduction of Dimension of Contact Holes", August 31, 2004	
	D43	NERAC.COM Retro Search, "Trim Etching of Features Formed on an Organic Layer", September 2, 2004	
	D44	NERAC.COM Retro Search, "Multilayer Resists Materials", September 2, 2004	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/747,795
				Filing Date	12/29/2003
				First Named Inventor	Sreenivasan et al.
				Group Art Unit	2851
				Examiner Name	Kim, Peter B.
				Attorney Docket Number	PA96-38D13
Sheet	4	of	4		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	D45	2003/0113638	A1	Mancini et al.	06-19-2003	
	D46	4,552,833		Ito et al.	11-12-1985	
	D47	4,657,845		Frechet et al.	04-14-1987	
	D48	5,234,793		Sebald et al.	08-10-1993	
	D49	4,808,511		Holmes	02-28-1989	
	D50	4,931,351		McColgin et al.	06-05-1990	
	D51	4,999,280		Hiraoka	03-12-1991	
	D52	5,173,393		Sezi et al.	12-22-1992	
	D53	4,201,800		Alcorn et al.	05-06-1980	
	D54	6,730,256	B1	Bloomstein et al.	05-04-2004	
	D55	6,777,170	B1	Bloomstein et al.	08-17-2004	
	D56	4,707,218		Giammarco et al.	11-17-1987	
	D57	5,654,238		Cronin et al.	08-05-1997	
	D58	4,857,477		Kanamori	08-15-1989	
	D59	6,561,706	B2	Singh et al.	05-13-2003	
	D60	6,388,253	B1	Su	05-14-2002	
	D61	6,245,581	B1	Bonser et al.	06-12-2001	
	D62	6,770,852	B1	Steger	08-03-2004	
	D63	5,926,690		Toprac et al.	07-20-1999	
	D64	6,387,783	B1	Furukawa et al.	05-14-2002	
	D65	6,737,202	B2	Gehoski et al.	05-18-2004	
	D66	6,743,713	B2	Mukherjee-Roy et al.	06-01-2004	
	D67	6,455,411	B1	Jiang et al.	09-24-2002	
	D68	4,692,205		Sachdev et al.	09-08-1987	
	D69	4,507,331		Hiraoka	03-26-1985	
	D70	4,826,943		Ito et al.	05-02-1989	
	D71	6,632,742	B2	Yang et al.	10-14-2003	
	D72	6,776,094	B1	Whitesides et al.	08-17-2004	
Examiner Signature					Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.